

Attorney Docket No.: **MGU-0027**
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Page 2

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (canceled).

Claim 7 (currently amended): A method for identifying an agent which corrects protein misfolding of a mutant membrane-localized protein comprising

obtaining a cell which expresses a misfolded mutant membrane-localized protein, wherein said protein is tagged in a loop domain with a biotin target sequence;

contacting the cell with a test agent and a biotin ligase in the presence of biotin so that the biotin target sequence tag of the protein is labeled; and

detecting the presence of labeled protein in ~~cells~~ the plasma membrane of the cell contacted with the test agent, wherein the presence of labeled protein in the plasma membrane indicates the agent corrects protein misfolding of a the mutant membrane-localized protein.

Claim 8 (original): The method of claim 7, further comprising the step of contacting the cell with a permeabilizing agent before the step of detecting the presence of the labeled protein.